INDEX FOR 1981

A

Air force has secret flights planned, June-July, 1981, 20.

B

Big dumb booster, The, December, 1981, 18.

C

Canadian arm aids shuttle program, October, 1981, 8.
China: new space power, or threat to stability in Asia, March, 1981, 19.
Colonizing space with fusion propulsion, November, 1981, 10.
Columbia, the gem of the U.S.A., May, 1981, 5.

E

Emergency medical procedures in space, December, 1981, 4.
Europe's comet mission proceeds despite U.S., March, 1981, 13.

G

Galileo probe carrier mission, August-September, 1981, 16.
Getting ready, May, 1981, 4.
Giant orbiting telescopes considered for the 1990s, February, 1981, 17.
Goals of the space program?, What are the new, January, 1981, 24.

I

Intelsat V, February, 1981, 4.

J

Jet propulsion laboratory's role in space program, January, 1981, 21.

K

Kosmograd—space colony number one?, April, 1981, 4.

L

Lost decade, The, March, 1981, 15.

N

New astronaut breed, The, November, 1981, 18.

O

OSTA-1 payload, October, 1981, 14.

P

Photograph a planet, How to, February, 1981, 19.
Photographic satellite reconnaissance, May, 1981, 15.

S

Salyut 6—three years in orbit, January, 1981, 18.
Solar power in space, Massive, March, 1981, 22.
Soviet space plans—what are they, August-September, 1981, 8.
Soviet space shuttle program, The, January, 1981, 4.
Space-interest groups, American, February, 1981, 9.
Space—Is it worth it?, April, 1981, 17.
Space platform seen as major project, January, 1981, 12.
Space Shuttle
- Aboard the, November, 1981, 4; December, 1981, 8.
- Astronauts for the, November, 1981, 22.
- Columbia makes dazzling debut, June-July, 1981, 4.
- Dress rehearsal, March, 1981, 7.
- Estimates vary on cost of, June-July, 1981, 19.
- First launch of the, October, 1981, 11.
- Hail Columbia! The way it was, June-July, 1981, 12.
- Missing links, April, 1981, 14.
- Opens new range of missions, June-July, 1981, 15.
- Scrapbook, January, 1981, 39; February, 1981, 39; March, 1981, 39; April, 1981, 41; May, 1981, 39; June-July, 1981, 39; August-September, 1981, 39; October, 1981, 39; November, 1981, 41.
- Second great era in space, The, May, 1981, 8.
- System operations, January, 1981, 14.
- What can we expect?, March, 1981, 4.

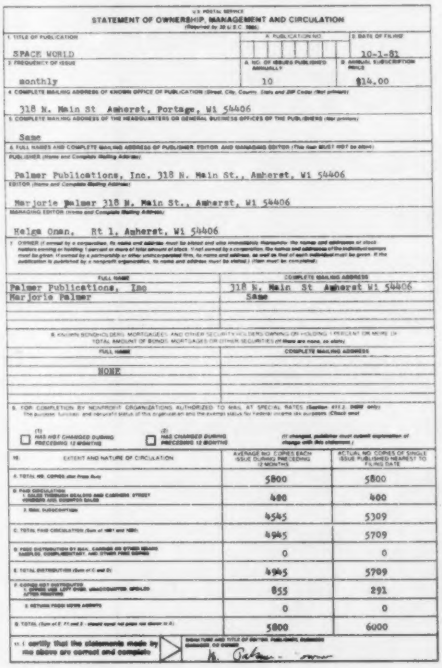
Space station: an old idea stirs renewed interest, The, October, 1981, 4.
Spacelab—Europe's space laboratory, March, 1981, 9.

V

Venus, atmospheric changes on, October, 1981, 20.
Voyager
- I takes a look at Saturn, April, 1981, 21.
- Space mission pictures, January, 1981, 9.
- 2: gearing for next Saturn encounter, August-September, 1981, 19.
- 2's encounter with Saturn, December, 1981, 19.

W

Who owns outer space, August-September, 1981, 4.



U.S. POSTAL SERVICE
STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION
(Required by 39 U.S.C. 3685)

1. TITLE OF PUBLICATION	2. PUBLICATION NO.	3. DATE OF FILING
SPACE WORLD		10-1-81
3. FREQUENCY OF ISSUE	A. NO. OF ISSUES PUBLISHED ANNUALLY	B. ANNUAL SUBSCRIPTION PRICE
monthly	10	$14.00

4. COMPLETE MAILING ADDRESS OF KNOWN OFFICE OF PUBLICATION (Street, City, County, State and ZIP Code) (Not printers)
318 N. Main St Amherst, Portage, WI 54406

5. COMPLETE MAILING ADDRESS OF THE HEADQUARTERS OR GENERAL BUSINESS OFFICES OF THE PUBLISHERS (Not printers)
Same

6. FULL NAMES AND COMPLETE MAILING ADDRESS OF PUBLISHER, EDITOR, AND MANAGING EDITOR (This item MUST NOT be blank)
PUBLISHER (Name and Complete Mailing Address)
Palmer Publications, Inc. 318 N. Main St., Amherst, WI 54406
EDITOR (Name and Complete Mailing Address)
Marjorie Palmer 318 N. Main St., Amherst, WI 54406
MANAGING EDITOR (Name and Complete Mailing Address)
Helga Onan, Rt 1, Amherst, WI 54406

7. OWNER (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given. If the publication is published by a nonprofit organization, its name and address must be stated.) (Item must be completed.)

FULL NAME	COMPLETE MAILING ADDRESS
Palmer Publications, Inc	318 N. Main St Amherst WI 54406
Marjorie Palmer	Same

8. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECURITY HOLDERS OWNING OR HOLDING 1 PERCENT OR MORE OF TOTAL AMOUNT OF BONDS, MORTGAGES OR OTHER SECURITIES (If there are none, so state)

FULL NAME	COMPLETE MAILING ADDRESS
NONE	

9. FOR COMPLETION BY NONPROFIT ORGANIZATIONS AUTHORIZED TO MAIL AT SPECIAL RATES (Section 411.3, DMM only)
The purpose, function, and nonprofit status of this organization and the exempt status for federal income tax purposes: (Check one)
☐ (1) HAS NOT CHANGED DURING PRECEDING 12 MONTHS ☐ (2) HAS CHANGED DURING PRECEDING 12 MONTHS (If changed, publisher must submit explanation of change with this statement.)

10. EXTENT AND NATURE OF CIRCULATION	AVERAGE NO. COPIES EACH ISSUE DURING PRECEDING 12 MONTHS	ACTUAL NO. COPIES OF SINGLE ISSUE PUBLISHED NEAREST TO FILING DATE
A. TOTAL NO. COPIES (Net Press Run)	5800	5800
B. PAID CIRCULATION 1. SALES THROUGH DEALERS AND CARRIERS, STREET VENDORS AND COUNTER SALES	480	480
2. MAIL SUBSCRIPTION	4545	5309
C. TOTAL PAID CIRCULATION (Sum of 10B1 and 10B2)	4945	5709
D. FREE DISTRIBUTION BY MAIL, CARRIER OR OTHER MEANS SAMPLES, COMPLIMENTARY, AND OTHER FREE COPIES	0	0
E. TOTAL DISTRIBUTION (Sum of C and D)	4945	5709
F. COPIES NOT DISTRIBUTED 1. OFFICE USE, LEFT OVER, UNACCOUNTED, SPOILED AFTER PRINTING	855	291
2. RETURN FROM NEWS AGENTS	0	0
G. TOTAL (Sum of E, F1 and 2 - should equal net press run shown in A)	5800	6000

11. I certify that the statements made by me above are correct and complete. (Name and title of editor, publisher, business manager, or owner) M. Palmer

INDEX FOR 1981

A

Air force has secret flights planned, June-July, 1981, 20.

B

Big dumb booster, The, December, 1981, 18.

C

Canadian arm aids shuttle program, October, 1981, 8.
China: new space power, or threat to stability in Asia, March, 1981, 19.
Colonizing space with fusion propulsion, November, 1981, 10.
Columbia, the gem of the U.S.A., May, 1981, 5.

E

Emergency medical procedures in space, December, 1981, 4.
Europe's comet mission proceeds despite U.S., March, 1981, 13.

G

Galileo probe carrier mission, August-September, 1981, 16.
Getting ready, May, 1981, 4.
Giant orbiting telescopes considered for the 1990s, February, 1981, 17.
Goals of the space program?, What are the new, January, 1981, 24.

I

Intelsat V, February, 1981, 4.

J

Jet propulsion laboratory's role in space program, January, 1981, 21.

K

Kosmograd—space colony number one?, April, 1981, 4.

L

Lost decade, The, March, 1981, 15.

N

New astronaut breed, The, November, 1981, 18.

O

OSTA-1 payload, October, 1981, 14.

P

Photograph a planet, How to, February, 1981, 19.
Photographic satellite reconnaissance, May, 1981, 15.

S

Salyut 6—three years in orbit, January, 1981, 18.
Solar power in space, Massive, March, 1981, 22.
Soviet space plans—what are they, August-September, 1981, 8.
Soviet space shuttle program, The, January, 1981, 4.
Space-interest groups, American, February, 1981, 9.
Space—Is it worth it?, April, 1981, 17.
Space platform seen as major project, January, 1981, 12.
Space Shuttle
- Aboard the, November, 1981, 4; December, 1981, 8.
- Astronauts for the, November, 1981, 22.
- Columbia makes dazzling debut, June-July, 1981, 4.
- Dress rehearsal, March, 1981, 7.
- Estimates vary on cost of, June-July, 1981, 19.
- First launch of the, October, 1981, 11.
- Hail Columbia! The way it was, June-July, 1981, 12.
- Missing links, April, 1981, 14.
- Opens new range of missions, June-July, 1981, 15.
- Scrapbook, January, 1981, 39; February, 1981, 39; March, 1981, 39; April, 1981, 41; May, 1981, 39; June-July, 1981, 39; August-September, 1981, 39; October, 1981, 39; November, 1981, 41.
- Second great era in space, The, May, 1981, 8.
- System operations, January, 1981, 14.
- What can we expect?, March, 1981, 4.

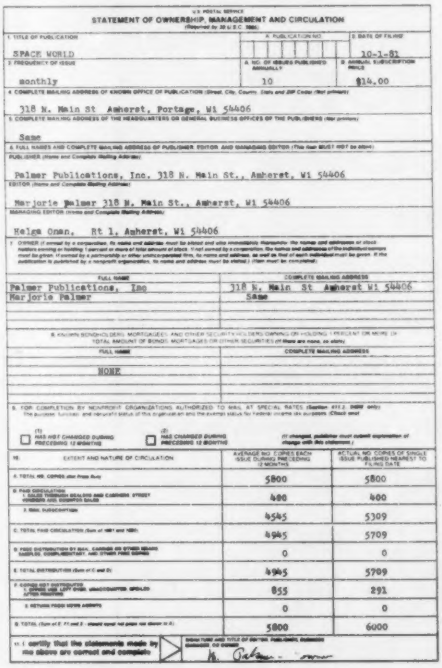
Space station: an old idea stirs renewed interest, The, October, 1981, 4.
Spacelab—Europe's space laboratory, March, 1981, 9.

V

Venus, atmospheric changes on, October, 1981, 20.
Voyager
- I takes a look at Saturn, April, 1981, 21.
- Space mission pictures, January, 1981, 9.
- 2: gearing for next Saturn encounter, August-September, 1981, 19.
- 2's encounter with Saturn, December, 1981, 19.

W

Who owns outer space, August-September, 1981, 4.



U.S. POSTAL SERVICE
STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION
(Required by 39 U.S.C. 3685)

1. TITLE OF PUBLICATION	2. PUBLICATION NO.	3. DATE OF FILING
SPACE WORLD		10-1-81
3. FREQUENCY OF ISSUE	A. NO. OF ISSUES PUBLISHED ANNUALLY	B. ANNUAL SUBSCRIPTION PRICE
monthly	10	$14.00

4. COMPLETE MAILING ADDRESS OF KNOWN OFFICE OF PUBLICATION (Street, City, County, State and ZIP Code) (Not printers)
318 N. Main St Amherst, Portage, WI 54406

5. COMPLETE MAILING ADDRESS OF THE HEADQUARTERS OR GENERAL BUSINESS OFFICES OF THE PUBLISHERS (Not printers)
Same

6. FULL NAMES AND COMPLETE MAILING ADDRESS OF PUBLISHER, EDITOR, AND MANAGING EDITOR (This item MUST NOT be blank)
PUBLISHER (Name and Complete Mailing Address)
Palmer Publications, Inc. 318 N. Main St., Amherst, WI 54406
EDITOR (Name and Complete Mailing Address)
Marjorie Palmer 318 N. Main St., Amherst, WI 54406
MANAGING EDITOR (Name and Complete Mailing Address)
Helga Onan, Rt 1, Amherst, WI 54406

7. OWNER (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given. If the publication is published by a nonprofit organization, its name and address must be stated.) (Item must be completed.)

FULL NAME	COMPLETE MAILING ADDRESS
Palmer Publications, Inc	318 N. Main St Amherst WI 54406
Marjorie Palmer	Same

8. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECURITY HOLDERS OWNING OR HOLDING 1 PERCENT OR MORE OF TOTAL AMOUNT OF BONDS, MORTGAGES OR OTHER SECURITIES (If there are none, so state)

FULL NAME	COMPLETE MAILING ADDRESS
NONE	

9. FOR COMPLETION BY NONPROFIT ORGANIZATIONS AUTHORIZED TO MAIL AT SPECIAL RATES (Section 411.3, DMM only)
The purpose, function, and nonprofit status of this organization and the exempt status for federal income tax purposes: (Check one)
☐ (1) HAS NOT CHANGED DURING PRECEDING 12 MONTHS ☐ (2) HAS CHANGED DURING PRECEDING 12 MONTHS (If changed, publisher must submit explanation of change with this statement.)

10. EXTENT AND NATURE OF CIRCULATION	AVERAGE NO. COPIES EACH ISSUE DURING PRECEDING 12 MONTHS	ACTUAL NO. COPIES OF SINGLE ISSUE PUBLISHED NEAREST TO FILING DATE
A. TOTAL NO. COPIES (Net Press Run)	5800	5800
B. PAID CIRCULATION 1. SALES THROUGH DEALERS AND CARRIERS, STREET VENDORS AND COUNTER SALES	480	480
2. MAIL SUBSCRIPTION	4545	5309
C. TOTAL PAID CIRCULATION (Sum of 10B1 and 10B2)	4945	5709
D. FREE DISTRIBUTION BY MAIL, CARRIER OR OTHER MEANS SAMPLES, COMPLIMENTARY, AND OTHER FREE COPIES	0	0
E. TOTAL DISTRIBUTION (Sum of C and D)	4945	5709
F. COPIES NOT DISTRIBUTED 1. OFFICE USE, LEFT OVER, UNACCOUNTED, SPOILED AFTER PRINTING	855	291
2. RETURN FROM NEWS AGENTS	0	0
G. TOTAL (Sum of E, F1 and 2 - should equal net press run shown in A)	5800	6000

11. I certify that the statements made by me above are correct and complete. (Name and title of editor, publisher, business manager, or owner) M. Palmer